

CLAIMS:

1. An image signal reconstruction storage and reconstruction apparatus storing a coded image signal from an image signal transmitting apparatus in accordance with a request for storage and decoding the coded image signal thus stored, in accordance with a request for reconstruction, comprising:
 - 10 an image decoding unit decoding the coded image signal;
 - a coded signal storage unit storing the coded image signal; and
 - 15 a storage and reconstruction control unit directing, in accordance with the request for storage, the image signal transmitting apparatus to transmit the coded image signal in which the entirety of an image is intra-frame coded, transmitting a request for storage to direct said coded signal storage unit to start the storage, and
 - 20 directing, in accordance with the request for reconstruction, said image decoding unit to start the reconstruction by decoding the coded image signal stored in said coded signal storage unit.
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2. The image signal storage and reconstruction apparatus according to claim 1, wherein said storage and reconstruction control unit requests the transmission of the coded image signal in which the entirety of an image is intra-

frame coded, by transmitting, responsive to the request for storage, the intra-frame request signal to the image signal transmitting apparatus.

5 3. The image signal storage and reconstruction apparatus according to claim 2, wherein said storage and reconstruction control unit repeats the transmission of the intra-frame request signals.

10 4. The image signal storage and reconstruction apparatus according to claim 1, wherein said storage and reconstruction control unit requests, responsive to the request for 15 storage, the transmission of the coded image signal in which the entirety of an image is intra-frame coded from the image signal transmitting apparatus, by temporarily closing a communication circuit for transmitting the coded image signal and then 20 opening the same.

5 5. The image signal storage and reconstruction apparatus according to claim 1, wherein said image decoding unit outputs, when 25 decoding the coded image signal from the image signal transmitting apparatus, a coding mode signal indicating whether or not the entirety of an image is intra-frame coded, to said coded signal storage unit, and

said coded signal storage unit start the storage with the coded image signal in which the entirety of an image is intra-coded, in accordance with the coding mode signal.

5 6. The image signal storage and reconstruction apparatus according to claim 1, wherein said image decoding unit, when requested by said storage and reconstruction control unit to start the reconstruction, determines whether the 10 coded image signal stored in said coded signal storage unit is a coded image signal in which the entirety of an image is intra-coded, so as to start the reconstruction by start the decoding with the coded image signal in which the entirety of an 15 image is intra-frame coded.

7. The image signal storage and reconstruction apparatus according to claim 1, wherein said coded signal storage unit extracts 20 information indicating a coding mode for the entirety of an image from the coded image signal transmitted from the image signal transmitting apparatus, so as to start the storage with the coded image signal in which the entirety of an 25 image is intra-frame coded.

8. An image signal transmitting apparatus transmitting a coded image signal to an image signal storage and reconstruction apparatus, 30 comprising:

an image coding unit coding an input image signal and transmitting the coded image signal to the image signal storage and reconstruction apparatus; and

- 5 a coding control unit controlling, in accordance with a request from the image signal storage and reconstruction apparatus for the coded image signal in which the entirety of an image is intra-frame coded, said image coding unit to
10 transmit the coded image signal in which the entirety of an image is intra-frame coded to the image signal storage and reconstruction apparatus

9. An image signal transmitting apparatus
15 transmitting a coded image signal to an image signal storage and reconstruction apparatus,
comprising:

- an image signal storage and transmission unit transmitting the coded image signal already stored
20 to the image signal storage and reconstruction apparatus; and

- a transmission control unit controlling, in accordance with a request from the image signal storage and reconstruction apparatus for the coded image signal in which the entirety of an image is intra-frame coded, said image signal storage and transmission unit to transmit the coded image signal in which the entirety of an image is intra-frame coded to the image signal storage and
25 reconstruction apparatus.

10. The image signal transmitting apparatus according to claim 8, wherein, when repeatedly receiving the requests for transmission of the 5 coded image signal in which the entirety of an image is intra-frame coded from the image signal storage and reconstruction apparatus, said coding control unit controls the frequency with which the input image signal for the entirety of an image is 10 intra-frame coded, in accordance with the status of errors occurring in communication.

11. The image signal transmitting apparatus according to claim 9, wherein, when repeatedly 15 receiving the requests for transmission of the coded image signal in which the entirety of an image is intra-frame coded from the image signal storage and reconstruction apparatus, said transmission control unit controls the frequency 20 with which the input image signal for the entirety of an image is intra-frame coded, in accordance with the status of errors occurring in communication.